AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-16 (Cancelled)

17. (New) A process for the production of a curved laminated glass pane comprising a first glass sheet and a second corresponding glass sheet, together with an interlayer comprising at least one bioriented thermoplastic functional layer and at least one layer of a bonding resin, such process comprising the steps of:

thermoforming on a mould said at least one bioriented thermoplastic functional layer, together with at least one layer of a bonding resin adhered to said at least one bioriented thermoplastic functional layer, in a configuration substantially corresponding to the end shape of said curved laminated glass pane;

positioning said interlayer between the two glass glazings and applying pressure and heat to form a laminated glazing showing an end shape with one or more curvatures.

wherein, before the thermoforming step, said at least one bioriented thermoplastic functional layer and at least one layer of a bonding resin are heated and, during such heating, a hot air jet is injected from the bottom so as to effect a pretensioning of said at least one functional layer and then, after the thermoforming step and before said positioning said interlayer between the two glass glazings, said at least one

functional layer and said suitable layers of a bonding resin are cooled by forced draught, whereby the shape of said at least one functional film is frozen.

18. (New) A process according to claim 17, wherein said interlayer comprises two bonding resin layers, intended to be positioned into contact with distinct glass sheets, each adhered to the opposite side of one functional layer.

19. (New) A process according to claim 17, wherein said interlayer comprises one functional layer, and a corresponding one bonding resin layer, adhered to one face of the functional layer, the functional layer comprising, along its whole edge a pre-cut peripheral portion, apt to be removed in a subsequent step.

20. (New) A process according to claim 19, wherein, before the thermoforming and the cooling steps, said interlayer is cold-stamped in a configuration substantially corresponding to the end shape of the curved laminated glass pane to be manufactured.

21. (New) A process according to claim 20, wherein, in the thermoforming step, vacuum is applied to the interlayer to make it adhere to the mould with the functional layer adherent to the mould surface.

22. (New) A process according to claim 19, wherein, in the positioning step, the shaped interlayer is positioned over one glass glazing, with the bonding resin layer is applied to the glass surface.

23. (New) A process according to claim 22, wherein said one glass glazing is intended to be at the internal side of the final glass pane.

24. (New) A process according to claim 23, wherein said pre-cut portion is peeled off when the interlayer has been positioned over said one glass glazing, whereby the outer edge of the functional layer remains to a certain distance from the edge of said one glazing.

25. (New) A process according to claim 24, wherein, in the positioning step, a further bonding resin layer is applied at least on the exposed functional layer surface, and a second glass glazing is positioned on it, the shape thereof perfectly matching with the shape of said one glazing and of the interlayer covered by said additional bonding resin layer.

26. (New) A process according to claim 17, wherein, before the thermoforming and the cooling steps, said interlayer is cold-stamped in a configuration substantially corresponding to the end shape of the curved laminated glass pane to be manufactured.

27. (New) A process according to claim 17 wherein said bonding resin is polyvinylbutyral (PVB).

28. (New) A process according to claim 17 wherein the glass pane is a curved glass pane having a cross curvature of at least 5.0 mm.

29. (New) A process according to any claim 17 wherein the glass pane is a curved glass pane wherein at least a part of the curved surface has a radius of less than 10000 mm.

30. (New) A process according to claim 17 wherein said functional layer comprises a film in polyethylene terephthalate with one or more filtering and/or reflecting sub-layers adhered thereto.

31. (New) A process according to claim 17 wherein in the thermoforming the heating temperature is set at 130°C +/- 30°C.

32. (New) A process according to claim 17 wherein in the thermoforming there is employed a temperature detection system with use of an infrared pyrometer with a wavelength sensor which detects the temperature rise of said at least one bioriented thermoplastic functional film and said suitable layers of a bonding resin and, as soon as the temperatures reaches the preset value, activates a system that interrupts the

heating.

33. (New) A process according to claim 19, wherein, in the thermoforming step, vacuum is applied to the interlayer to make it adhere to the mould with the functional layer adherent to the mould surface.

34. (New) A process according to claim 20, wherein, in the positioning step, the shaped interlayer is positioned over one glass glazing, with the bonding resin layer is applied to the glass surface.

35. (New) A process according to claim 21, wherein, in the positioning step, the shaped interlayer is positioned over one glass glazing, with the bonding resin layer is applied to the glass surface.

36. (New) A process according to claim 22, wherein said pre-cut portion is peeled off when the interlayer has been positioned over said one glass glazing, whereby the outer edge of the functional layer remains to a certain distance from the edge of said one glazing.